

Title (en)

SAFETY GUARD DEVICE FOR MODULES STORING COMMUNICATION LINES

Title (de)

SICHERHEITSSCHUTZVORRICHTUNG FÜR MODULE ZUR AUFNAHME VON KOMMUNIKATIONSLEITUNGEN

Title (fr)

DISPOSITIF DE PROTECTION DE SÉCURITÉ POUR MODULES STOCKANT DES LIGNES DE COMMUNICATION

Publication

EP 3677940 A1 20200708 (EN)

Application

EP 20150042 A 20200102

Priority

- US 201962788007 P 20190103
- US 201916364870 A 20190326

Abstract (en)

A safety device for modules that store windings of communication lines, includes a metallic rod whose ends are configured to receive metallic screws to secure the rod on a base of a given module. End sections of the rod extend to a height at least equal to the height of the stored windings. Intermediate sections of the rod extend in opposite directions from the end sections, substantially parallel to the module base. Outer ends of the intermediate sections at least coincide with the outer periphery of the stored windings. A central section of the rod has opposite ends adjoining the outer ends of the intermediate sections. The central section rises over a path that at least coincides with the outer periphery of the stored windings. The end sections of the rod capture the windings, and the central section prevents them from dropping below the module during a building fire.

IPC 8 full level

G02B 6/44 (2006.01); **H02G 3/30** (2006.01)

CPC (source: EP US)

G02B 6/4446 (2013.01 - EP US); **G02B 6/4471** (2013.01 - EP); **H02G 3/30** (2013.01 - EP); **G02B 6/4436** (2013.01 - EP); **G02B 6/4441** (2013.01 - US); **G02B 6/475** (2023.05 - EP); **G02B 6/486** (2013.01 - US)

Citation (applicant)

- US 9632267 B1 20170425 - BUREK DENIS E [US], et al
- US 201816184366 A 20181108
- US 201816219247 A 20181213

Citation (search report)

- [AD] US 9632267 B1 20170425 - BUREK DENIS E [US], et al
- [A] GB 2553491 A 20180314 - CIP FASTENING SYSTEMS LTD [GB]
- [A] US 2007137882 A1 20070621 - JOURNEAUX TERRY [GB], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3677940 A1 20200708; **EP 3677940 B1 20231025**; US 11099342 B2 20210824; US 2020218026 A1 20200709

DOCDB simple family (application)

EP 20150042 A 20200102; US 201916364870 A 20190326